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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/664,166	09/17/2003	Chih-Chiang Yu	4392-0138P	4185

2292 7590 03/17/2006

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EXAMINER

AMADIZ, RODNEY

ART UNIT	PAPER NUMBER
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2675

DATE MAILED: 03/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/664,166	Applicant(s) YU, CHIH-CHIANG	
	Examiner Rodney Amadiz	Art Unit 2675	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/30/2004</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. Figures 1 and 2 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-4 and 7 rejected under 35 U.S.C. 102(e) as being anticipated by Shimano et al. (U.S. Patent 6,845,005).

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As to claim 1, Shimano et al. teaches a portable computer with a flat panel display, comprising: a base including a computer system and the flat panel display (Fig. 1, Display Unit 10, See Also Col. 4, lines 36-39); and a cover (Fig. 1, base unit 12), having a connection element pivotally connected to the base for protecting the base (Fig. 2a, Hinging Assembly), the cover including an input device to input data (Fig. 1, Keyboard 18); wherein the cover axially rotates around the connection element and protects the base (See Fig. 2a).

As to claim 2, Shimano et al. teaches, that when the cover is in a first position, the cover shelters a first portion of the base (See Fig. 2a and note position).

As to claim 3, Shimano et al. teaches the cover rotating 360 degrees from the first position to a second position, in this position the cover shelters a second portion of the base to protect the flat panel display (See Figs. 2a-2c and note the position of Fig. 2c).

As to claim 4, Shimano et al. teaches the connection element including a first axis and a second axis, the cover selectively rotates 180 degrees around the first axis and the second axis respectively (See Figs. 2a-2c and note Hinge A (32) and Hinge B (30)).

As to claim 7, Shimano et al. teaches the flat panel display being used to input data through handwriting (See Col. 4, lines 2-18).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shimano et al. in view of Goodrich et al. (U.S. Patent 5,375,076).

As to claim 5, Shimano et al. does not teach a bracket connecting to the base. Examiner cites Goodrich et al. to teach a bracket connecting to the base (Goodrich et al.—Fig. 4, Reference Number 36); wherein as the base is disposed on a plane, the bracket supports the base making the base intersect the plane at an angle (Goodrich et al.—See Figs. 4, 9, 17 and 21). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to provide a bracket as taught by Goodrich et al. in the portable computer taught by Shimano et al. so that the display may be readily visible by a user (Goodrich et al.—Col. 4, lines 9-11).

6. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shimano et al. in view of Tran et al. (U.S. Patent 5,805,415).

As to claim 6, Shimano et al. does not teach the cover capable of being removed from the base. Examiner cites Tran et al. to teach portable computer that is capable of detaching the cover from the base (Tran et al.—See Figs. 7 and 8). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to

provide a detachable cover as taught by Tran et al. in the portable computer taught by Shimano et al. so as to provide convenience in the choice of locations of the display when giving presentations (Tran et al.—Col. 2, lines 58-64).

7. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Liao (USPGPUB 2004/0021681).

As to claim 8, Shimano et al. does not teach the input device including a flat panel keyboard. Examiner cites Liao to teach a dual touch screen computer wherein the cover includes a sub-screen (Fig. 1, Reference Number 103 and 107) that is a touch-screen type flat panel display screen that allows a user to input data into the virtual keyboard by physically touching the surface (Liao, Pg. 2, ¶ 0009). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to provide a flat panel keyboard as taught by Liao in the portable computer taught by Shimano et al. so that the input device may be more dynamic.

8. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shimano et al. in view of Pollitt (U.S. Patent 5,198,991).

As to claim 9, Shimano et al. does not teach the input device including a conductive-rubber keyboard. Examiner cites Pollitt to teach a portable computer including a rubber-conductive keyboard (Pollitt—Col. 6, lines 57-60). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to incorporate a rubber-conductive keyboard as taught by Pollitt in the portable computer

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taught by Shimano et al. so that contacts representative of manual activation of selected keys can be enabled (Pollitt—Col. 6, lines 57-60).

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Examiner cites the following references as pertinent to the disclosure due to their relevance with portable computers.

Lee	U.S. Patent 5,706,167
Tang	U.S. Patent 5,987,704
Van Brocklin et al.	U.S. Patent 6,266,241
Yang et al.	U.S. Patent 6,781,819
Adams	USPGPUB 2001/0050658
Lin et al.	USPGPUB 2004/0056843
Jackson III	USPGPUB 2004/0155861

Inquiries

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rodney Amadiz whose telephone number is (571) 272-7762. The examiner can normally be reached on M-F 8:30-5:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sumati Lefkowitz can be reached on (571) 272-3638. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

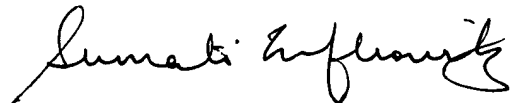
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

R.A.

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2/24/06

Division 2629



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SUPERVISORY PATENT EXAMINER